LOCK GROOVE TILE

A lock groove tile of generally square outline having tongues on two adjacent sides and grooves on the other two adjacent sides for interlocking with adjacent tiles. A metal sheet is secured to the wall to be tiled and the sheet has edges adapted to cooperate with the respective tongues and grooves of the tiles to support the edges of the groups of tiles. In a modified form of the invention a metal strip is formed to interfit with a row of tiles and has a finished chrome strip covering the edges of the tiles.

1 Claim, 10 Drawing Figures
LOCK GROOVE TILE

BACKGROUND OF THE INVENTION

FIELD OF THE INVENTION

The present invention relates to a tile system for tiling a wall without the use of mortar.

SUMMARY OF THE INVENTION

A wall to be tiled is covered with a metal sheet having tongues and grooves formed in the peripheral edges thereof. Tiles having two adjacent edges provided with tongues and two adjacent edges provided with grooves are interfitting with the edges of the metal sheet and with each other to form a plurality of tile on the wall within the confines of the metal sheet. In one form of the invention a metal strip is provided interfitting with a line of tiles and having a chrome finish strip overlying the edges of the tiles.

The primary object of the invention is to provide a tile system which can be erected without the use of mortar and which is usable by unskilled labor.

Other objects and advantages will become apparent in the following specification when considered in the light of the attached drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a plan view of the tile system;
FIG. 2 is a plan view of one of the tiles shown partially broken away and in section for convenience of illustration;
FIG. 3 is a plan view of a smaller tile used as a border;
FIG. 4 is an enlarged fragmentary transverse sectional view taken along the line 4—4 of FIG. 1 looking in the direction of the arrows;
FIG. 5 is an enlarged fragmentary vertical sectional view taken along the line 5—5 of FIG. 1 looking in the direction of the arrows;
FIG. 6 is an enlarged fragmentary vertical sectional view taken along the line 6—6 of FIG. 1 looking in the direction of the arrows;
FIG. 7 is an enlarged fragmentary vertical cross-section taken along the line 7—7 of FIG. 1 looking in the direction of the arrows;
FIG. 8 is an enlarged fragmentary horizontal section taken along the line 8—8 of FIG. 1 looking in the direction of the arrows;
FIG. 9 is a plan view of a modified form of the invention; and
FIG. 10 is a horizontal sectional view partially broken away of the metal plate forming part of the invention.

DESCRIPTION OF A PREFERRED EMBODIMENT

Referring now to the drawings in detail wherein like reference characters indicate like parts throughout the several figures the reference numeral 20 indicates generally a tile system constructed in accordance with the invention.

The tile system 20 includes a relatively flat metallic backing plate 21 having one edge 22 formed as a molding with a tongue 23 extending inwardly thereof for reasons to be assigned. A molding 24 is formed on the opposite edge of the plate 21 and has a groove 25 formed therein for reasons to be assigned. The bottom edge 26 of the metal plate 21 corresponds to the mold-